CASSETTE RECEIVER

KRC-507S/587

SERVICE MANUAL

KENWOOD

KENW -04993

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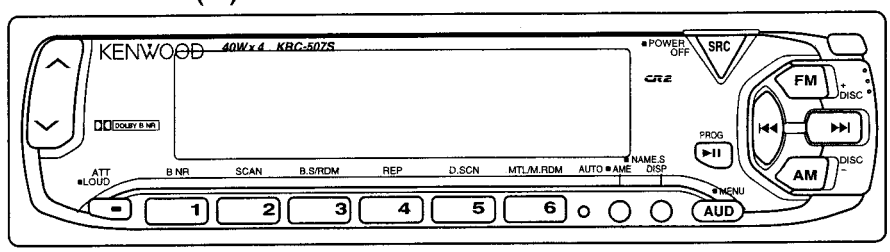
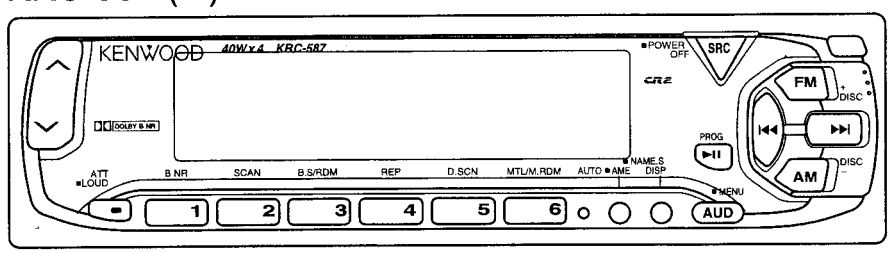
B51-7423-00 (K) 1719

MECHANISM EXTENSION CORD
W05-0477-00 (7P)
W05-0609-00 (10P)

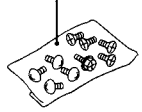
KRC-507S (K)



KRC-587 (M)



SCREW SET
(N99-1632-05)



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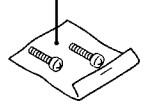
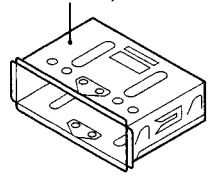
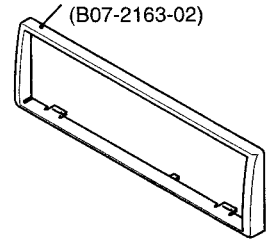


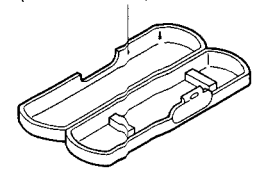
MOUNTING HARDWARE ASSY
(J21-7881-03)

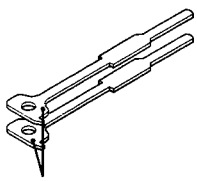


ESCUTCHEON
(B07-2163-02)

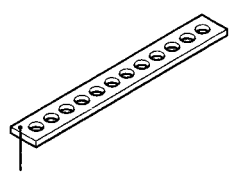


PLASTIC CABINET ASSY
(A02-1486-13)

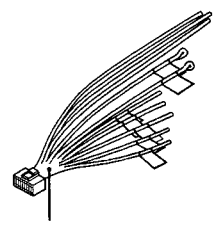




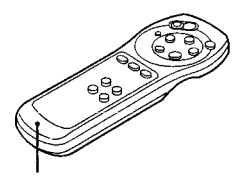
LEVER
(D10-3031-04)x2



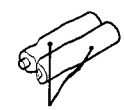
STAY
(J54-0606-04)



DC CORD
(E30-xxxx-xx)
Refer to the parts list.



REMOTE CONTROLLER ASSY
(A70-0883-05)
KRC-587 only



BATTERY
No service part.
KRC-587 only

499

KRC-507S/587

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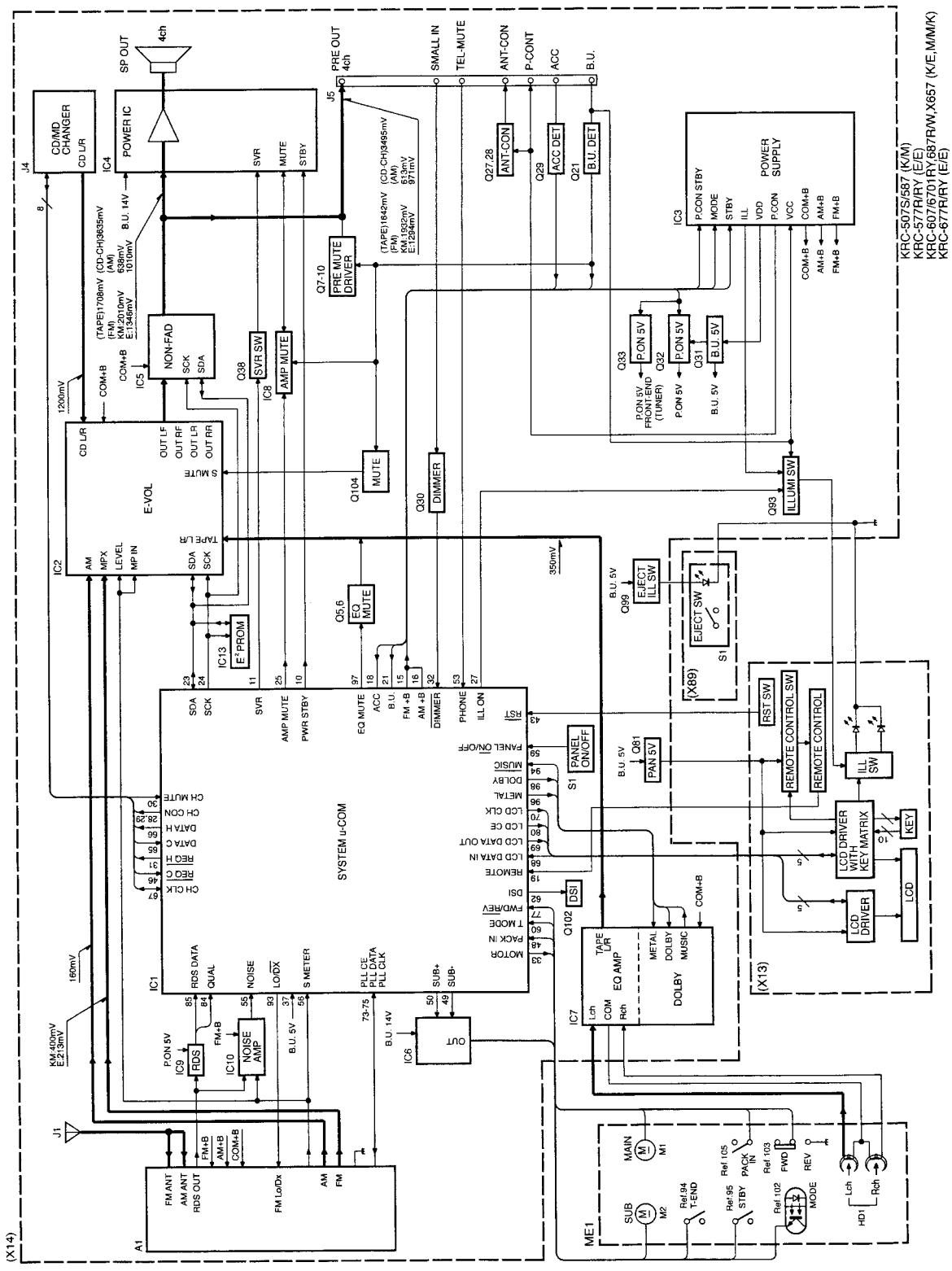
BLOCK DIAGRAM



CIRCUIT DESCRIPTION

(X14-) IC1 : SYSTEM u-COM

PORT No.	PORT NAME	I/O	FUNCTION	OPERATING CONDITION
1	TYPE 0	I	Destination discrimination 0	
2	TYPE 1	I	Destination discrimination 1	
3	TYPE 2	I	Destination discrimination 2	
4	ST TYPE 0	I	Destination discrimination 0	Initial condition : "L"
5	ST TYPE 1	I	Destination discrimination 1	Initial condition : "L"
6-8	-	-	-	
9	VDD	-	+B 5V	
10	PWR STBY	O	Power IC (IC4) stand-by	Power on : "H"
11	SVR	O	Power IC (IC4) reset	Power on : "L"
12	-	-	-	
13	PWR MUTE	O	Power IC (IC4) mute	Active "H"
14	ANT CON	O	Antenna control	Active "H"
15	FM+B	O	FM power supply	Active "H"
16	AM+B	O	AM power supply	Active "H"
17	P.CON	O	Power control	Active "H"
18	ACC DET	I	ACC detection	ACC off : "H"
19	REMOTE	I	Remote control input	
20	-	-	-	
21	B.U. DET	I	Momentary power down detection	Power down : "H"
22	TEST	-	TEST	
23	SDA	I/O	IC2 and IC5 EEPROM data line	
24	SCK	O	IC2 and IC5 EEPROM clock line	
25	AMP MUTE	O	Mute	Active "H"
26	$\overline{\text{SW5}}$	O	5V power supply	Active "L"
27	ILL ON	O	Illumination output	Active "H"
28	$\overline{\text{CH CON 2}}$	O	CD/MD changer 2 control	Active "L"
29	CH CON 1	O	CD/MD changer 1 control	Active "H"
30	CH MUTE	I	Mute input from CD/MD changer	Mute request : "H"
31	$\overline{\text{REQ H}}$	O	Hand shake request to CD/MD changer	Active "L"
32	$\overline{\text{DIMMER}}$	I	Detection for the small	Active "L"
33	MOTOR	O	Main motor output to cassette mechanism	Active "H"
34	T END	I	Tape end detection	"H" during tape runs.
35	T STBY	I	Cassette mechanism stand-by input	
36	-	-	-	
37	VDD	-	+B 5V	
38	X2	-	Main clock connection 2	
39	X1	-	Main clock connection 1	
40	VSS	-	GND	
41	XT2	-	Sub clock connection 2	
42	XT1	-	Sub clock connection 1	
43	$\overline{\text{RESET}}$	I	Reset input	Active "L"
44	CH RST	O	Reset output to CD/MD changer	Active "H"
45	RDS CLK	I	RDS clock input	
46	$\overline{\text{REQ C}}$	I	Hand shake request from CD/MD changer	Active "L"
47	$\overline{\text{EJECT}}$	I	Cassette tape eject detection	Active "L"
48	PACK IN	I	Pack-in detection	Pack in : "H"
49	SUB-	O	Cassette mechanism sub motor - output	
50	SUB+	O	Cassette mechanism sub motor + output	

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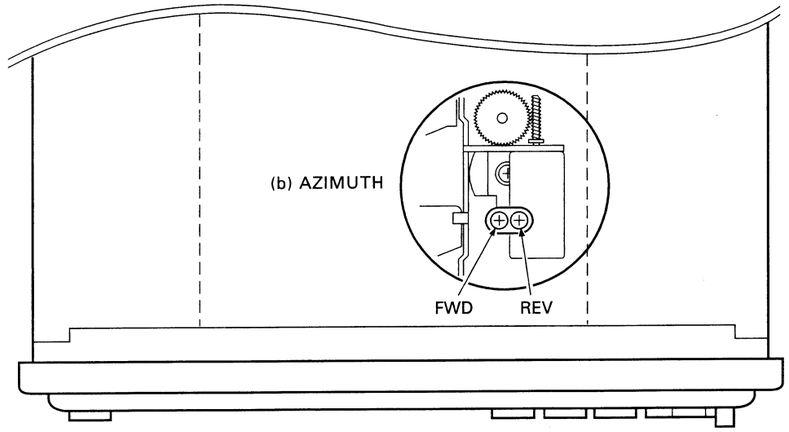
CIRCUIT DESCRIPTION

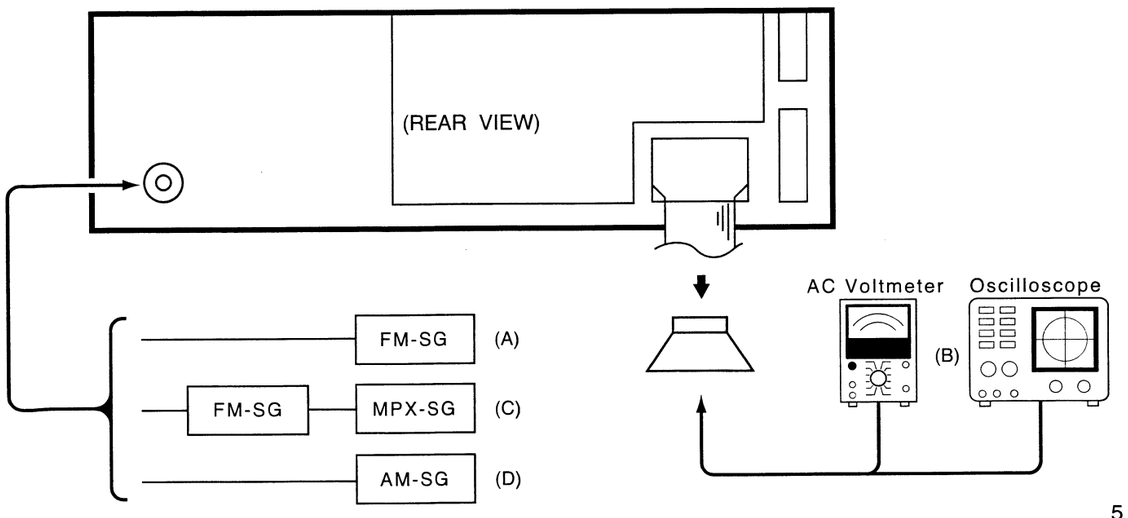
(X14-) IC1 : SYSTEM u-COM

PORT No.	PORT NAME	I/O	FUNCTION	OPERATING CONDITION
51	A VDD	-	+B 5V for the u-com's inner A/D converter	
52	A VREF 0	-	Reference voltage input for the u-com's inner A/D converter	
53	PHONE	I	Phone detection	Phone : Under 1V / Navi mute : Over 2.5V
54	VSS	-	GND	
55	NOISE	I	FM noise detection	
56	S-METER	I	FM S-meter detection	
57,58	VSS	-	GND	
59	PANEL $\overline{ON}$/OFF	I	Panel ON/OFF detection	Panel OFF : "H"
60	T MODE	I	Mode detection of cassette mechanism	
61	A VSS	-	A/D GND	
62	DSI	O	DSI output	Active "H"
63	-	-	-	
64	A VREF 1	-	Reference voltage input for the u-com's inner A/D converter	
65	DATA C	I	Data line from CD/MD changer	
66	DATA H	O	Data line to CD/MD changer	
67	CH CLK	I/O	Clock line with CD/MD changer	
68	LCD DATA IN	I	Data line to LCD driver	
69	LCD DATA OUT	O	Data line from LCD driver	
70	LCD CLK	O	Clock to LCD driver	
71	-	-	-	
72	BEEP	O	Beep output	Active "H"
73	PLL CE	O	Chip Enable to PLL	
74	PLL DATA	I/O	Data IN/OUT with PLL	
75	PLL CLK	O	Clock to PLL	
76	-	-	-	
77	FWD/$\overline{REV}$	I	Cassette mechanism FWD/REV detection	FWD : "H" / REV : "L"
78	-	-	-	
79	LCD RST	O	LCD reset	
80	LCD CE	O	Chip Enable to LCD driver	
81	PANEL $\overline{UP}$/DOWN	I	Panel UP/DOWN detection	Panel down : "H"
82	EJECT ILL	O	Eject SW illumination	Active "H"
83	-	-	-	
84	QUAL	I	Receiving RDS.	
85	RDS DATA	I	RDS data input	
86-89	-	-	-	
90	FM SD	I	FM SD input	"H" : FM signal exists. "L" : FM signal does not exist.
91	-	-	-	
92	AFC	O	Noise detection time constant SW	"H" : Receiving signal "L" : Searching station
93	LO/$\overline{DX}$	O	Local output	Local : "H" / Normal : "L"
94	$\overline{MUSIC}$	I	Signal detection	"H" : Signal does not exist. "L" : Signal exists.
95	MSC	O	No signal detection time constant SW	Playing : "H" / FF or REW : "L"
96	METAL	O	Metal output	Active "H"
97	EQ MUTE	O	Equalizer mute output	Active "H"
98	DOLBY	O	Dolby output	Active "H"
99	-	-	-	
100	VSS	-	GND	

ADJUSTMENT

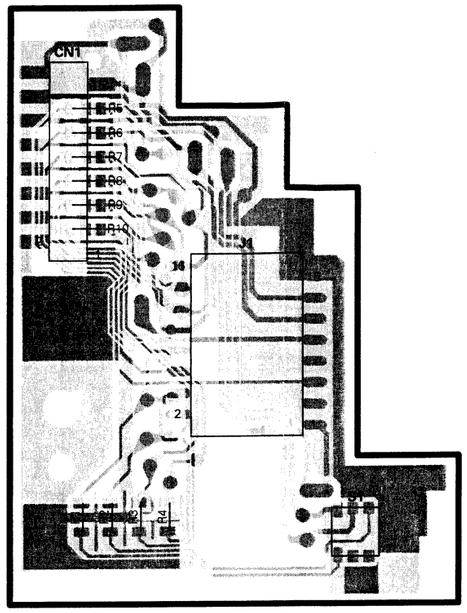
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	RECEIVER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
CASSETTE DECK SECTION							
1	AZIMUTH	TCC-153 10KHz	(B)	TAPE PLAY	Head azimuth screw	Adjust the azimuth for each Lch/Rch or FWD/REV becomes maximum.	(b)
2	DOLBY (PLAY BACK LEVEL)	TCC-130	Connect an AC voltmeter to CN3 (X14-)	TAPE PLAY	VR1 (L ch) VR2 (R ch) (X14-)	300mV	(c)





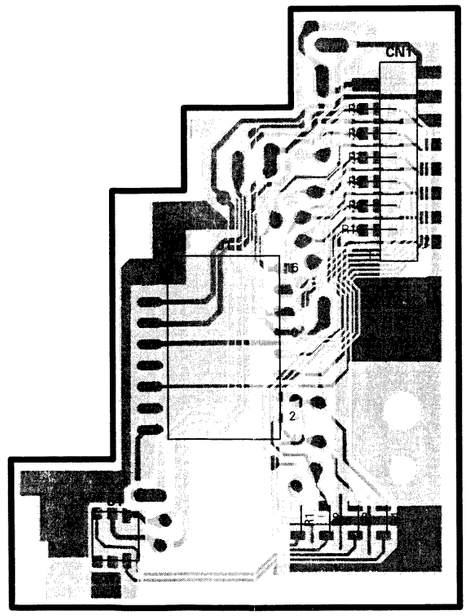
PC BOARD(Component side view)

X89-2280-10
(J74-0720-22)



PC BOARD(Foil side view)

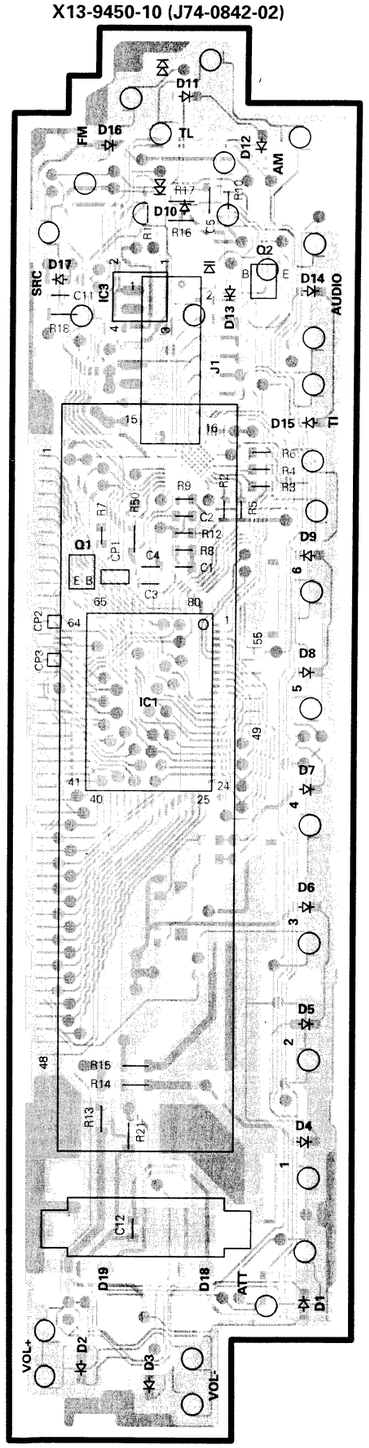
X89-2280-10
(J74-0720-22)



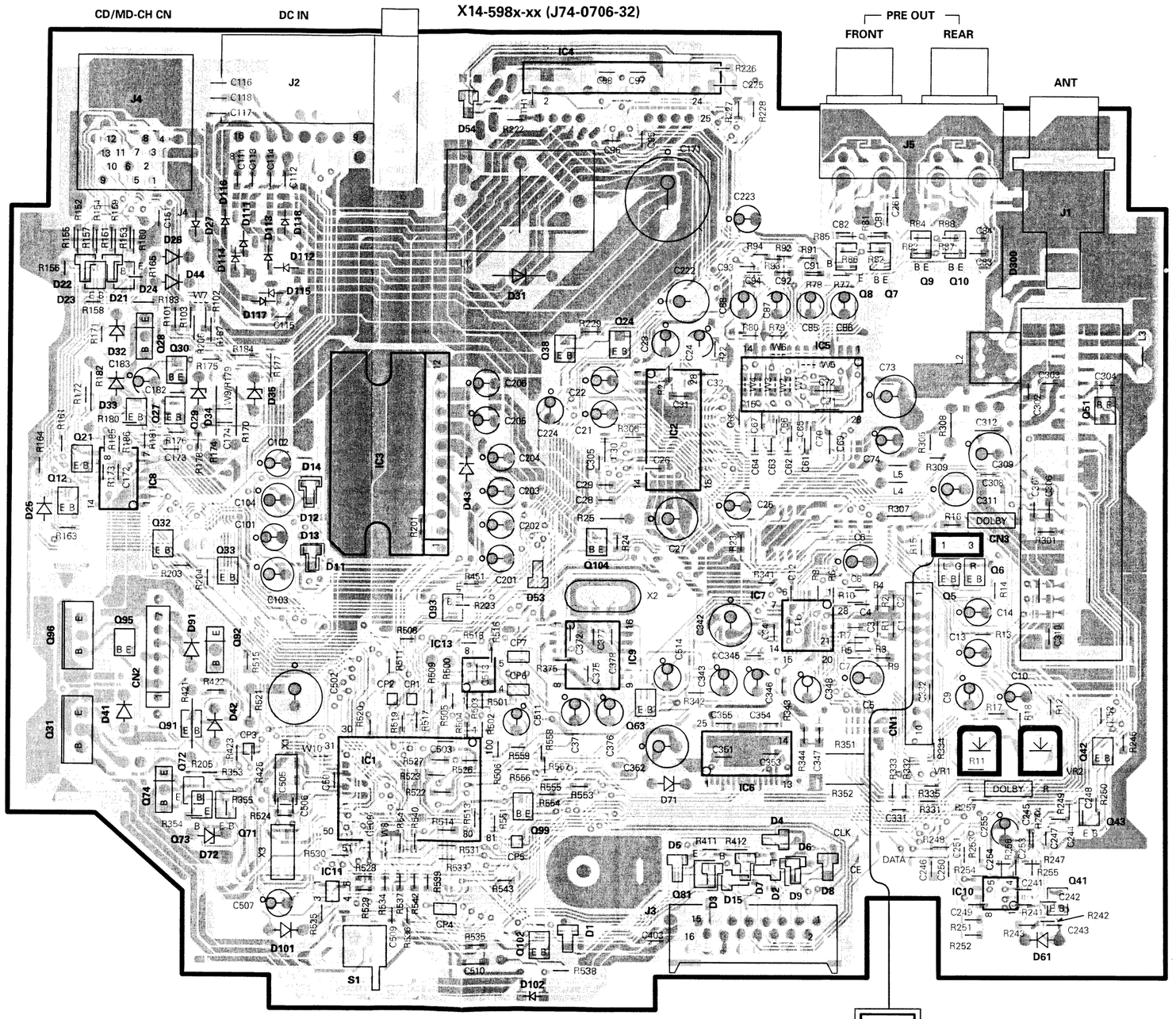
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Component side view)

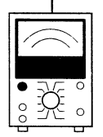
X13-9450-10 (J74-0842-02)



X14-598x-xx (J74-0706-32)



(c) Dolby(play back) : 300mV

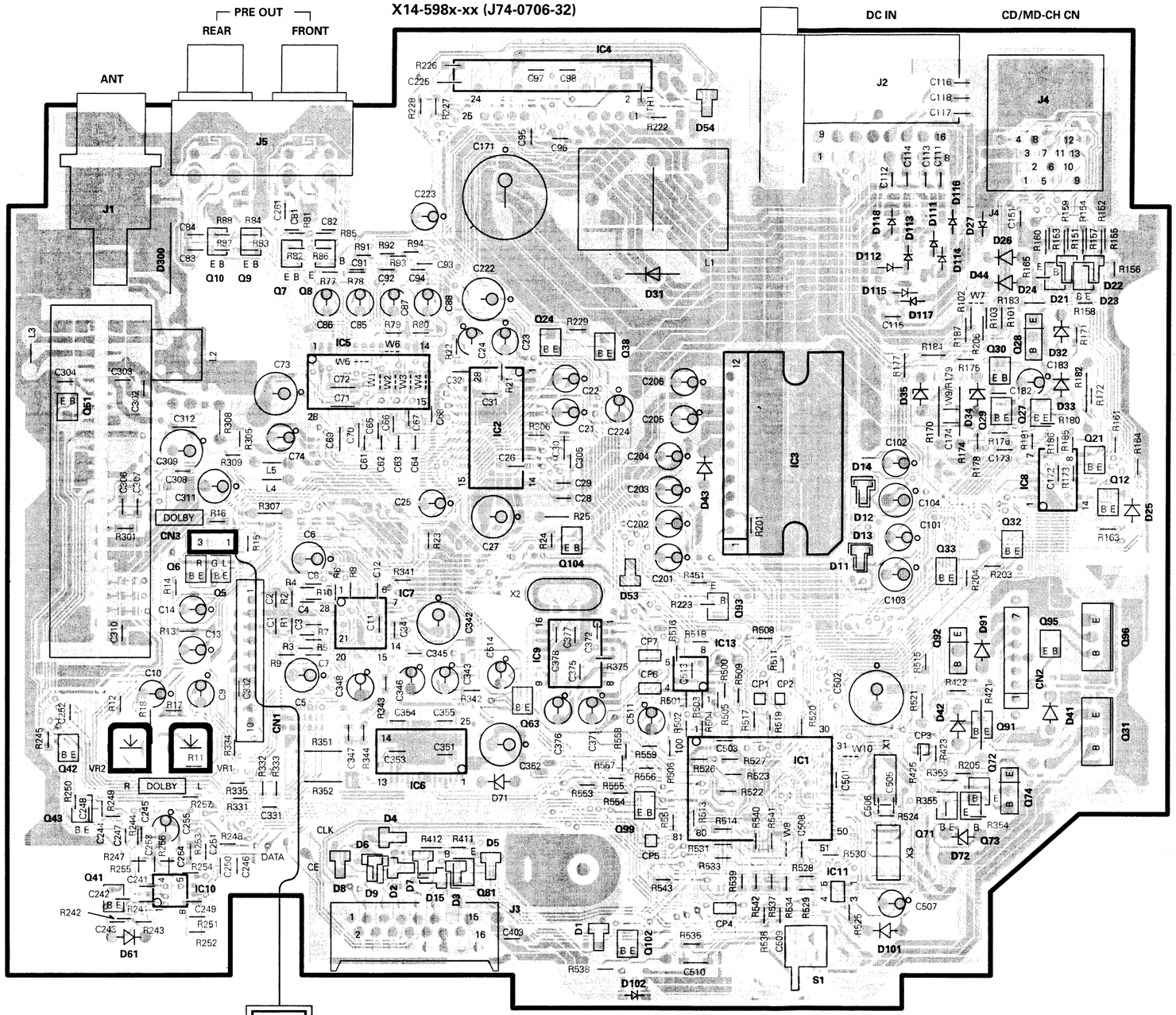


AC Voltmeter

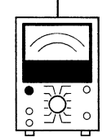
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Foil side view)

X14-598x-xx (J74-0706-32)

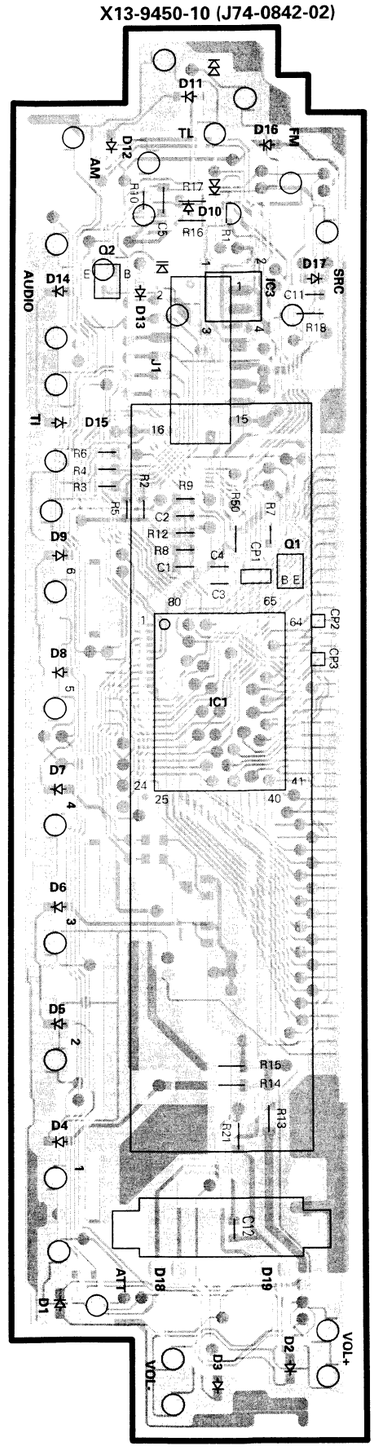


(c) Dolby(play back) : 300mV

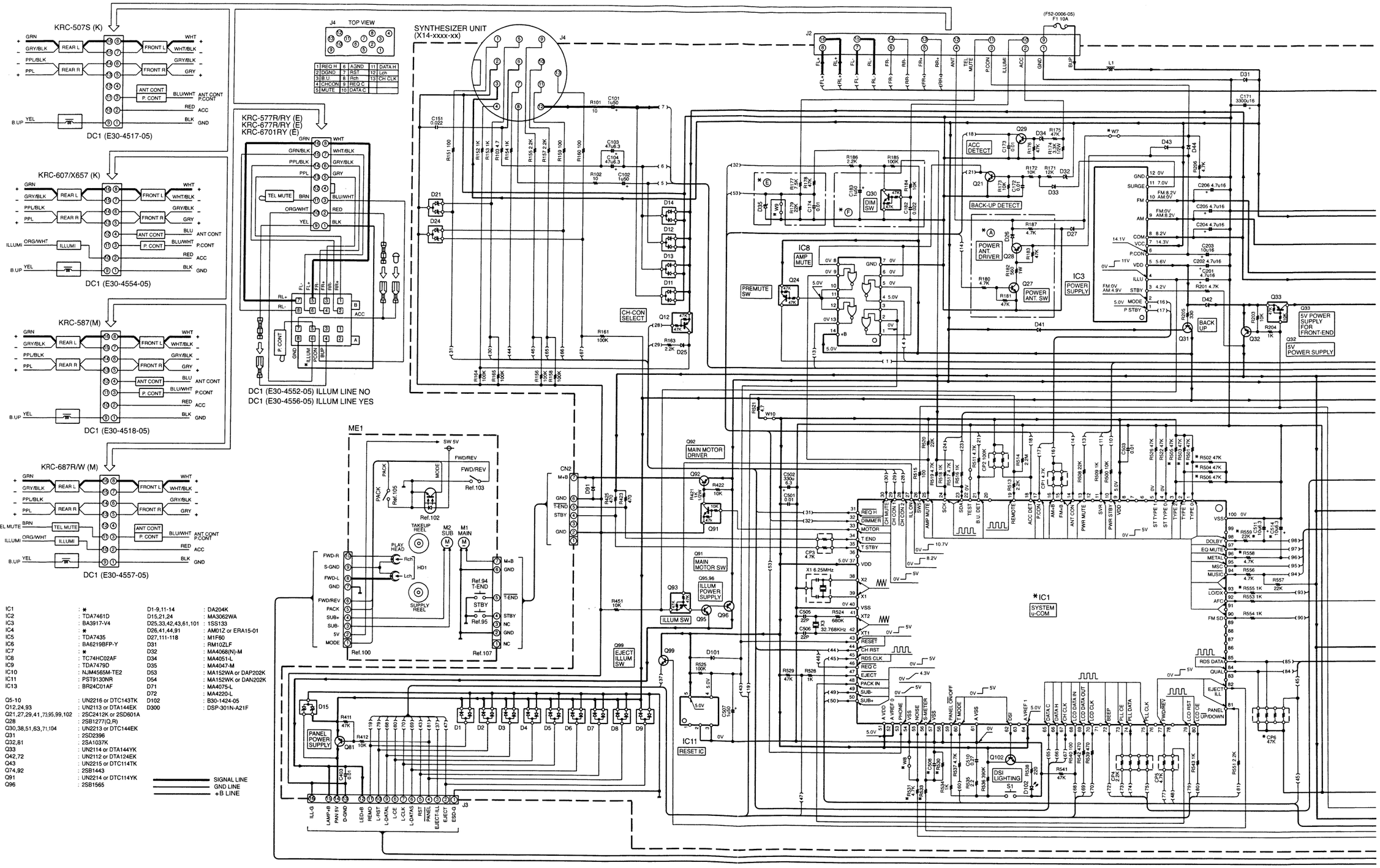


AC Voltmeter

X13-9450-10 (J74-0842-02)

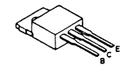


Refer to the schematic diagram for the value of resistors and capacitors.


KRC-507S (K)
KRC-607/X657 (K)
KRC-587(M)
KRC-687R/W (M)
DC1 (E30-4517-05)
DC1 (E30-4554-05)
DC1 (E30-4518-05)
DC1 (E30-4557-05)
KRC-577R/RY (E)
KRC-677R/RY (E)
KRC-6701RY (E)
DC1 (E30-4552-05) ILLUM LINE NO
DC1 (E30-4556-05) ILLUM LINE YES
SYNTHESIZER UNIT
(X14-xxxx-xx)
ME1
IC1 : *
IC2 : TDA7461D
IC3 : BA3917-V4
IC4 : *
IC5 : TDA7435
IC6 : BA6219BFP-Y
IC7 : *
IC8 : TC74HC02AF
IC9 : TDA7479D
IC10 : NJM4565M-TE2
IC11 : PST9130NR
IC13 : BR24C01AF
Q5-10 : UN2216 or DTC143TK
Q12,24,93 : UN2113 or DTA144EK
Q21,27,29,41,73,95,99,102 : 2SC2412K or 2SD601A
Q28 : 2SB1277(Q,R)
Q30,38,51,63,71,104 : UN2213 or DTC144EK
Q31 : 2SD2396
Q32,81 : 2SA1037K
Q33 : UN2114 or DTA144YK
Q42,72 : UN2112 or DTA124EK
Q43 : UN2215 or DTC114TK
Q74,92 : 2SB1443
Q91 : UN2214 or DTC114YK
Q96 : 2SB1565
D1-9,11-14 : DA204K
D15,21,24 : MA3062WA
D25,33,42,43,61,101 : 1SS133
D26,41,44,91 : AM01Z or ERA15-01
D27,111-118 : M1F60
D31 : RM10ZLF
D32 : MA4068(N)-M
D34 : MA4051-L
D35 : MA4047-M
D53 : MA152WA or DAP202K
D54 : MA152WK or DAN202K
D71 : MA4075-L
D72 : MA4220-L
D102 : B30-1424-05
D300 : DSP-301N-A21F
SIGNAL LINE
GND LINE
+B LINE
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

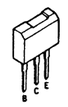
K L M N O P Q R S T

2SB1565
2SD2396

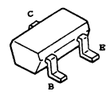


DTA114YK
DTA124EK
DTA144EK
DTC114YK
DTC143TK
DTC144EK
2SC2412K

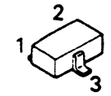
2SB1277
2SB1443



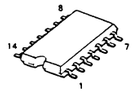
2SA1037K



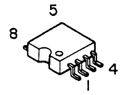
DAN202K



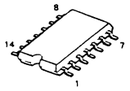
DA204K



TC74HC02AF



BR24C1AF



PST9130NR

(X14-xxxx-xx)

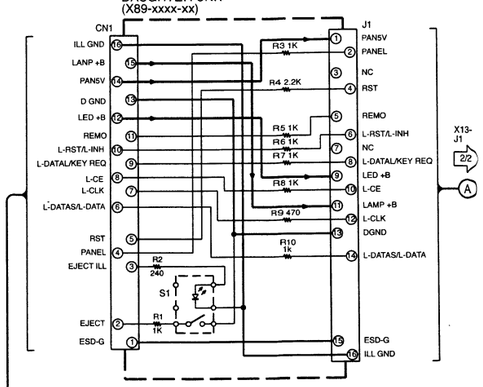
MODEL NAME	UNIT No.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Q51	CP6	VR1,2	CN3	C11,12, 511,514	C91 -94	C225	C304	C508	W1-6	W7	W8,9	D111-118	R11,12, 17,18
KRC-X657 (K)	X14-5980-10	YES	YES	YES				YES	NO	YES	YES	YES	0.22	1	YES	4700P	NO	NO	YES	YES	NO
KRC-607 (K)	X14-5980-12		NO	NO	NO				YES				0.12	0.47			YES			NO	
KRC-507S (K)	X14-5980-11	NO						NO										YES	NO	YES	
KRC-687R/W (M)	X14-5980-21		YES	YES	YES	YES	YES	YES	NO				0.22	1			NO				
KRC-587 (M)	X14-5980-22	YES		NO	NO	NO	NO	NO	YES									NO	YES	NO	
KRC-6701RY (E)	X14-5982-71	NO	NO	YES	YES	YES	YES	YES	NO	YES	YES	YES	0.12	0.47	NO	1000P	YES	YES	NO	YES	
KRC-677R/RY (E)	X14-6002-70														YES	4700P				NO	YES
KRC-577R/RY (E)	X14-6002-71							NO	NO	NO	NO										

MODEL NAME	UNIT No.	R341, 558,559	R501	R502	R503	R504	R505	R506	R530	R531	R533	R555	J5	A1	IC1	IC4	IC7
KRC-X657 (K)	X14-5980-10	YES	NO	YES	NO	YES	NO	YES	160K	NO	22K	NO	E63-0855-05	X86-3100-10	UPD784215GF546	TDA7386	HA12192F
KRC-607 (K)	X14-5980-12		YES	NO						22K			E63-0014-05		UPD784215GF537		
KRC-507S (K)	X14-5980-11		NO	YES	YES	NO					NO	YES			UPD784214GF524	TDA7384A	
KRC-687R/W (M)	X14-5980-21									YES		YES		X86-3102-71	UPD784215GF537	TDA7386	
KRC-587 (M)	X14-5980-22		YES	NO						NO		NO		X86-3100-10	UPD784214GF524	TDA7384A	
KRC-6701RY (E)	X14-5982-71		NO	YES	NO	YES	YES	NO	120K	YES	27K	NO		W02-3164-05	UPD784215GF537	TDA7386	
KRC-677R/RY (E)	X14-6002-70		YES	NO	YES	NO	NO	YES	160K	YES	22K	YES		X86-3112-70	UPD784214GF524	TDA7384A	HA12197F
KRC-577R/RY (E)	X14-6002-71	NO	NO	YES			YES	NO									

(X89-xxxx-xx)

MODEL NAME	UNIT No.
KRC-607/6701RY,687R/W,X657	X89-2280-10
KRC-507S/587	
KRC-677R/RY	X89-2362-70
KRC-577R/RY	

DAUGHTER UNIT
(X89-xxxx-xx)



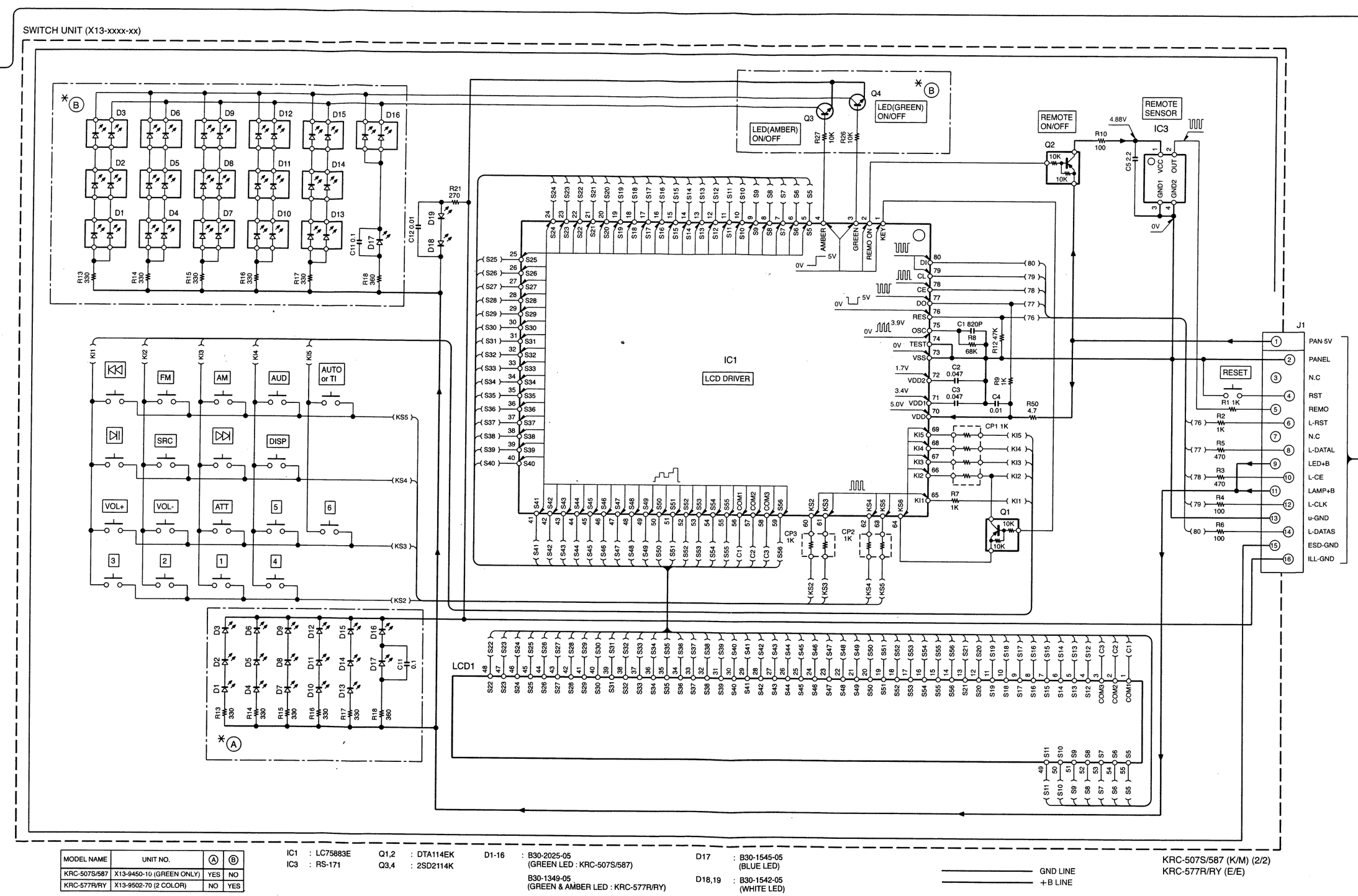
KRC-507S/587 (K/M)
KRC-577R/RY (E/E)
KRC-607/6701RY,687R/W,X657 (K/E,M/M,K) (1/2)
KRC-677R/RY (E/E)

KRC-507S/587

KENWOOD

X89-
J3
1/2

SWITCH UNIT (X13-xxxx-xx)



MODEL NAME	UNIT NO.	Ⓐ	Ⓑ
KRC-507S/587	X13-9450-10 (GREEN ONLY)	YES	NO
KRC-577R/RY	X13-9502-70 (2 COLOR)	NO	YES

IC1 : LC75883E
IC3 : RS-171
Q1,2 : DTA114EK
Q3,4 : 2SD2114K
D1-16 : B30-2025-05 (GREEN LED : KRC-507S/587)
B30-1349-05 (GREEN & AMBER LED : KRC-577R/RY)
D17 : B30-1545-05 (BLUE LED)
D18,19 : B30-1542-05 (WHITE LED)

GND LINE
+B LINE

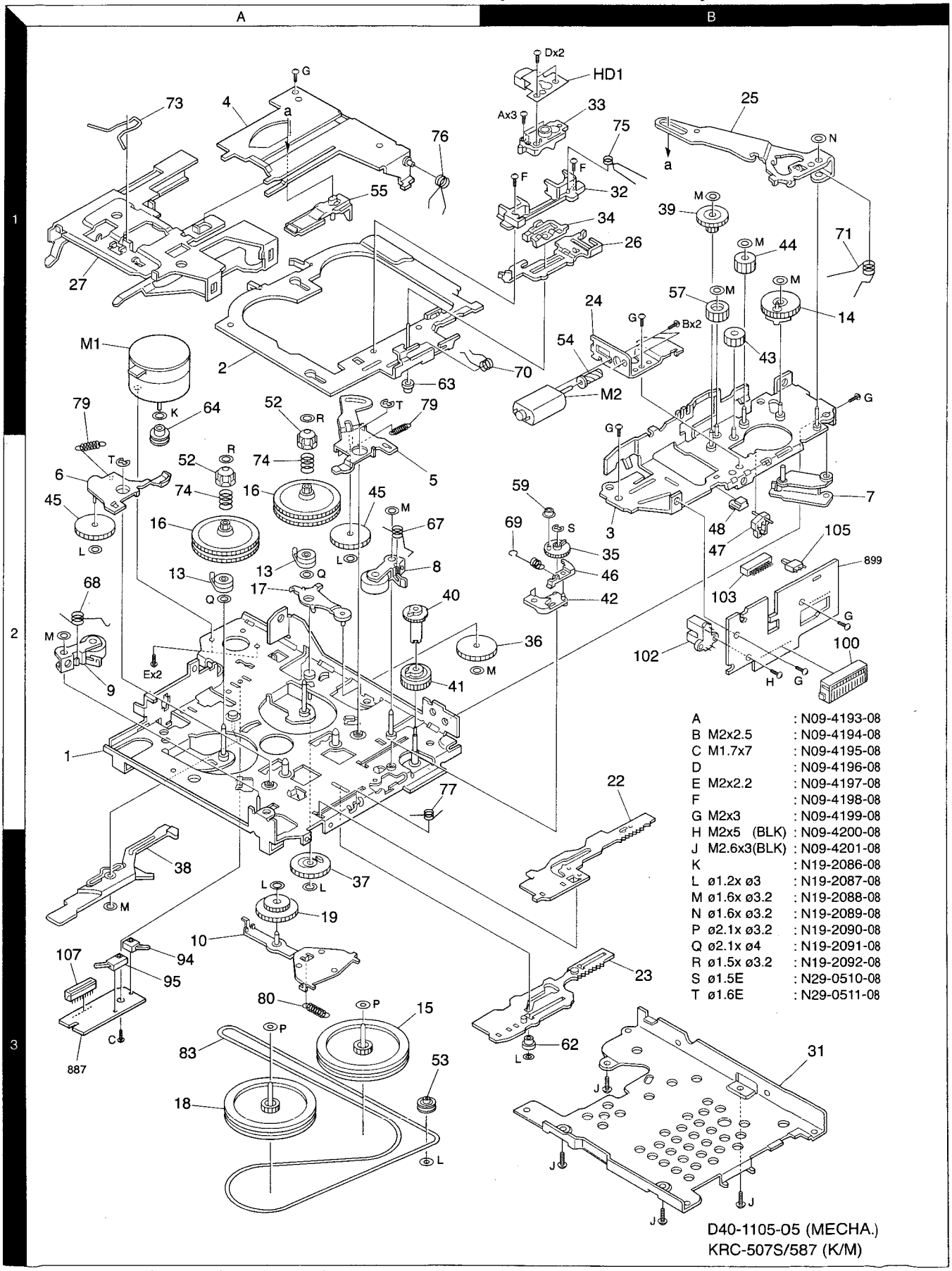
KRC-507S/587 (K/M) (2/2)
KRC-577R/RY (E/E)

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

KRC-507S/587

KENWOOD

EXPLODED VIEW (MECHANISM)

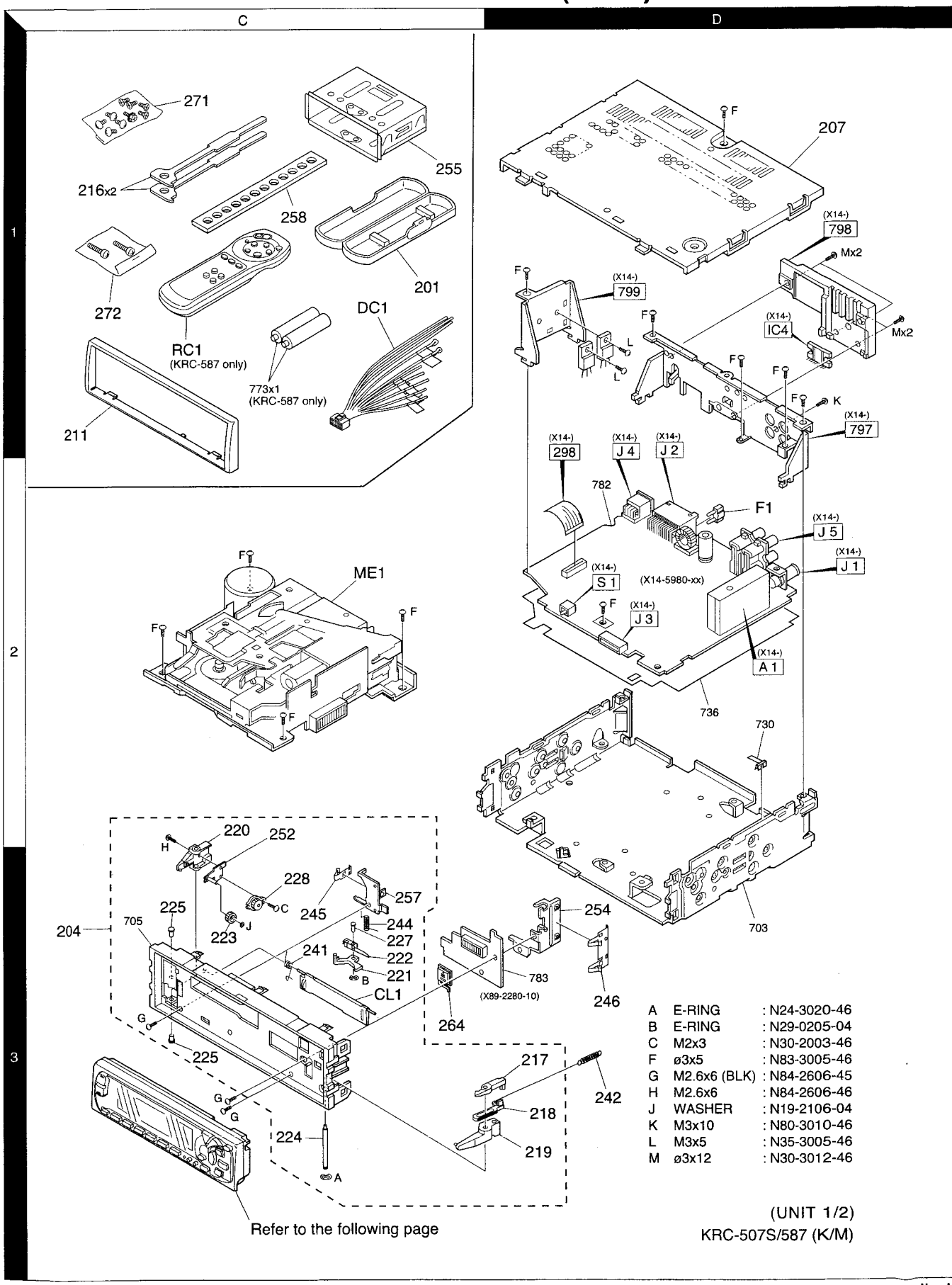


D40-1105-05 (MECHA.)
KRC-507S/587 (K/M)

Parts with exploded numbers larger than 700 are not supplied.

KRC-507S/587

EXPLODED VIEW (UNIT)

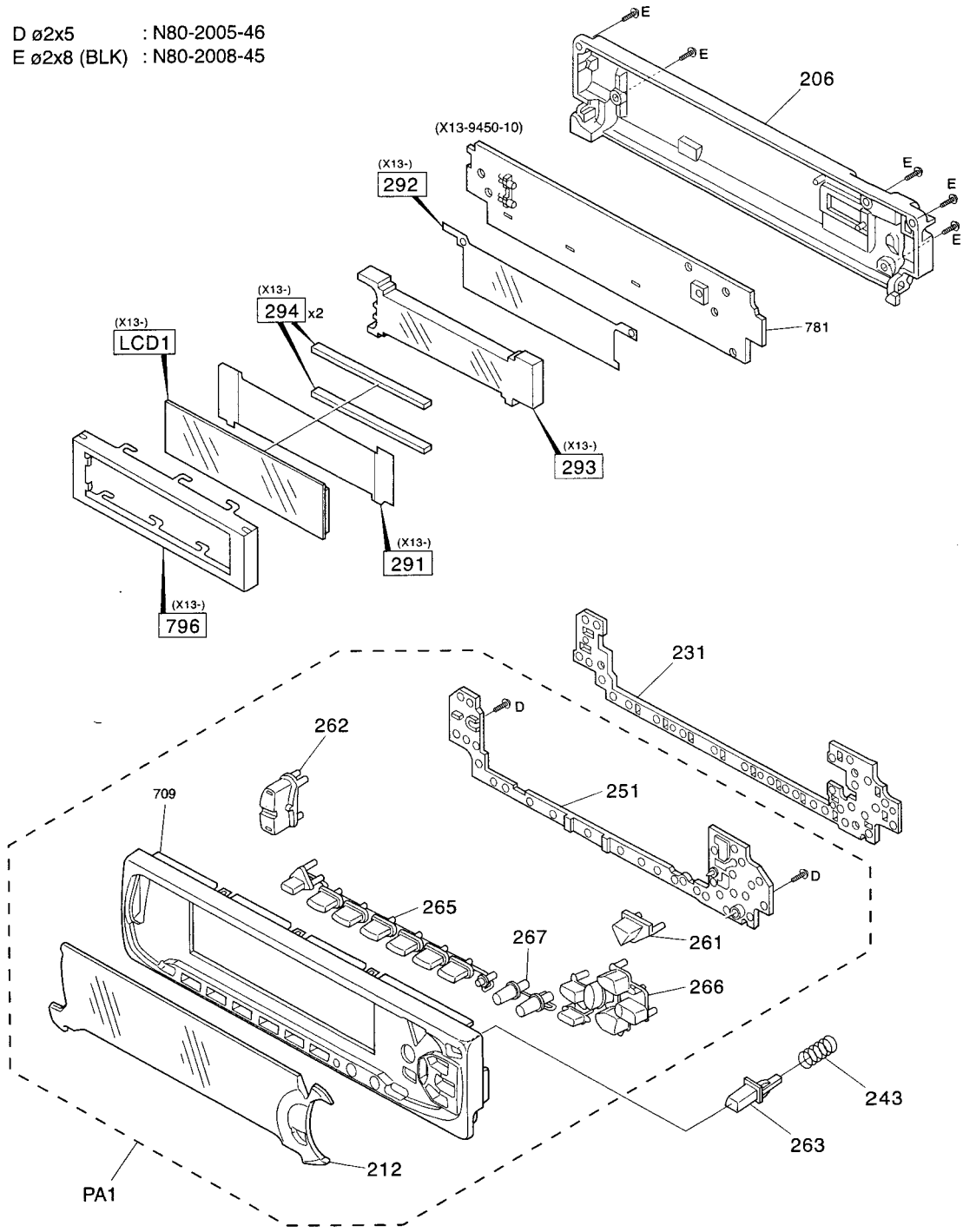


A	E-RING	: N24-3020-46
B	E-RING	: N29-0205-04
C	M2x3	: N30-2003-46
F	ø3x5	: N83-3005-46
G	M2.6x6 (BLK)	: N84-2606-45
H	M2.6x6	: N84-2606-46
J	WASHER	: N19-2106-04
K	M3x10	: N80-3010-46
L	M3x5	: N35-3005-46
M	ø3x12	: N30-3012-46

(UNIT 1/2)
KRC-507S/587 (K/M)

Parts with exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)



(UNIT 2/2)
KRC-507S/587 (K/M)

Parts with exploded numbers larger than 700 are not supplied.

KRC-507S/587

PARTS LIST

* New Parts
Parts without **Part No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description	Destination
KRC-507S/587					
201	1C	*	A02-1486-13	PLASTIC CABINET ASSY	
204	3C	*	A22-2309-22	SUB PANEL ASSY	
206	1F	*	A46-1601-11	REAR COVER	
207	1D		A52-0719-02	TOP PLATE	
CL1	3C	*	A53-1638-13	CASSETTE LID	
PA1	3E	*	A64-1525-12	PANEL ASSY	K2
PA1	3E	*	A64-1527-02	PANEL ASSY	M2
RC1	1C	*	A70-0883-05	REMOTE CONTROLLER ASSY	M2
211	1C	*	B07-2163-02	ESCUTCHEON	
212	3E	*	B10-2937-01	FRONT GLASS	K2
212	3E	*	B10-2939-01	FRONT GLASS	M2
-		*	B46-0100-50	WARRANTY CARD	
-		*	B46-0172-13	QUESTIONAIRE CARD	K2
-		*	B46-0606-04	ID CARD	
-		*	B64-1289-00	INST. MANUAL (ENG,FRE,SPA)	K2
-		*	B64-1290-00	INST. MANUAL (ENG,CHI)	M2
-		*	B64-1291-00	INST. MANUAL (PORTUGUESE)	K2
216	1C		D10-3031-04	LEVER (REMOVAL)	
217	3D		D10-4141-04	LEVER	
218	3D	*	D10-4142-44	LEVER	
219	3D		D10-4143-14	LEVER	
220	2C		D10-4144-13	LEVER	
221	3C	*	D10-4303-03	LEVER	
222	3C	*	D10-4304-03	LEVER	
223	3C		D13-1352-04	GEAR	
224	3C		D21-2272-04	SHAFT	
225	3C		D21-2273-04	SHAFT	
227	3C	*	D21-2299-04	SHAFT	
228	3C		D39-0237-05	DAMPER	
ME1	2C		D40-1105-05	CASSETTE MECHANISM ASSY	
231	2F	*	E29-1570-02	CONDUCTIVE RUBBER	
⚠ DC1	1C		E30-4517-05	DC CORD	K2
⚠ DC1	1C		E30-4518-05	DC CORD	M2
⚠ F1	2D		F52-0006-05	FUSE (MINI BLADE TYPE) (10A)	
241	3C		G01-2525-04	TORSION COIL SPRING	
242	3D		G01-2856-24	EXTENSION SPRING	
243	3F	*	G01-2921-04	COMPRESSION SPRING	
244	3C	*	G01-2923-04	TORSION COIL SPRING	
245	3C	*	G02-1257-14	FLAT SPRING	
246	3D		G02-1259-14	FLAT SPRING	
-		*	H10-4583-12	POLYSTYRENE FOAMED FIXTURE	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-		*	H54-1278-03	ITEM CARTON CASE (KRC-507S)	K2
-		*	H54-1280-03	ITEM CARTON CASE (KRC-587)	M2
251	2F	*	J19-4877-02	HOLDER	
252	2C		J21-7817-14	MOUNTING HARDWARE ASSY	
254	3D	*	J21-7820-03	MOUNTING HARDWARE	
255	1C		J21-7881-03	MOUNTING HARDWARE ASSY	
257	3C	*	J21-9345-03	MOUNTING HARDWARE	
258	1C		J54-0606-04	STAY	
261	3F	*	K24-1921-04	KNOB (SRC)	
262	2E	*	K24-1922-03	KNOB (VOL UP/DOWN)	
263	3F	*	K24-1923-14	KNOB (RELEASE)	
264	3C	*	K24-1947-14	KNOB (EJECT)	
265	3E	*	K25-0960-03	KNOB (1,2,3,4,5,6)	
266	3F	*	K25-0961-02	KNOB (FM/AM)	
267	3F	*	K25-0962-04	KNOB (AUTO/NAME.S)	
271	1C		N99-1632-05	SCREW SET (9-SCREW)	
272	1C		N99-1656-05	SCREW SET (2-SCREW)	
A	3C		N24-3020-46	E TYPE RETAINING RING	
B	3C		N29-0205-04	RETAINING RING	
C	3C		N30-2003-46	PAN HEAD MACHINE SCREW	
D	2F		N80-2005-46	PAN HEAD TAPTITE SCREW	
E	1F		N80-2008-45	PAN HEAD TAPTITE SCREW	
F	1D		N83-3005-46	PAN HEAD TAPTITE SCREW	
G	3C		N84-2606-45	PAN HEAD TAPTITE SCREW	
H	2C		N84-2606-46	PAN HEAD TAPTITE SCREW	
J	3C		N19-2106-04	FLAT WASHER	
SWITCH UNIT (X13-9450-10)					
291	2E	*	B11-0978-04	OPTICAL DIFFUSER	
292	1E	*	B11-0981-04	REFLECTION SHEET	
293	2F	*	B19-1163-23	LIGHTING BOARD	
D1 -16			B30-2025-05	LED	
D17			B30-1545-05	LED	
D18 ,19		*	B30-1542-05	LED	
LCD1	1E		B38-0691-05	LIQUID CRYSTAL	
C1			CK73FB1H821K	CHIP C 820PF K	
C2 ,3			CK73FB1H473KTA	CHIP C 0.047UF K	
C4			CK73FB1H103K	CHIP C 0.010UF K	
C5			CK73EB1C225K	CHIP C 2.2UF K	
C11			CK73FB1C104K	CHIP C 0.10UF K	
C12			CK73FB1H103K	CHIP C 0.010UF K	
294	1E		E29-1543-04	CONDUCTIVE RUBBER	
J1			E59-0829-05	RECTANGULAR PLUG	
CP1			R90-0724-05	MULTI-COMP 1K X4	
CP2 ,3			R90-0725-05	MULTI-COMP 1K X2	
R1 ,2			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R3			RK73FB2A471J	CHIP R 470 J 1/10W	
R4			RK73FB2A101J	CHIP R 100 J 1/10W	
R5			RK73FB2A471J	CHIP R 470 J 1/10W	
R6			RK73FB2A101J	CHIP R 100 J 1/10W	
R7			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R8			RK73FB2A683J	CHIP R 68K J 1/10W	
R9			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R10			RK73FB2A101J	CHIP R 100 J 1/10W	
R12			RK73FB2A473J	CHIP R 47K J 1/10W	
R13 -17			RK73EB2B331J	CHIP R 330 J 1/8W	
R18			RK73EB2B361J	CHIP R 360 J 1/8W	
R21			RK73EB2B271J	CHIP R 270 J 1/8W	
R50			RK73EB2B4R7J	CHIP R 4.7 J 1/8W	

E: Europe **K**: North America **M**: Other Areas **K2** : KRC-507S
W: Without Europe **M2** : KRC-587

⚠ indicates safety critical components.

PARTS LIST

* New Parts
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Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description			Destination
IC1			LC75883E	MOS-IC			
IC3			RS-171	ANALOGUE IC			
Q1 ,2			DTA124EK	DIGITAL TRANSISTOR			
Q1 ,2			UN2112	DIGITAL TRANSISTOR			
SYNTHESIZER UNIT (X14-5980-xx)							
D102			B30-1424-05	LED			
C1 ,2			CK73FB1H152K	CHIP C	1500PF	K	
C3 ,4			CC73FCH1H101J	CHIP C	100PF	J	
C5 ,6			CE04CW1A220M	ELECTRO	22UF	10WV	
C7 ,8			CK73FB1H123K	CHIP C	0.012UF	K	
C9 ,10			C90-2602-05	ELECTRO	0.10UF	50WV	
C11 ,12			CK73FB1C104K	CHIP C	0.10UF	K	
C13 ,14			C90-2608-05	ELECTRO	1.0UF	50WV	
C21 ,22			C90-2608-05	ELECTRO	1.0UF	50WV	
C25			C90-2608-05	ELECTRO	1.0UF	50WV	
C26			CK73FB1H103K	CHIP C	0.010UF	K	
C27			CE04CW1A470M	ELECTRO	47UF	10WV	
C28			CK73FB1C823K	CHIP C	0.082UF	K	
C29			CK73FB1C104K	CHIP C	0.10UF	K	
C30			CK73EB1C474K	CHIP C	0.47UF	K	
C81 -84			CK73FB1H102K	CHIP C	1000PF	K	
C85 -88			C90-2597-05	ELECTRO	10UF	16WV	
C91 -94			CK73FB1C124K	CHIP C	0.12UF	K	
C95 -98			CK73FB1H821K	CHIP C	820PF	K	
C101,102			C90-2608-05	ELECTRO	1.0UF	50WV	
C103,104			CE04CW0J470M	ELECTRO	47UF	6.3WV	
C151			CK73FB1H223KTA	CHIP C	0.022UF	K	
C171		*	C90-5242-05	ELECTRO	3300UF	16WV	
C172,173			CK73FB1H103K	CHIP C	0.010UF	K	
C201,202			C90-2595-05	ELECTRO	4.7UF	16WV	
C203			C90-2597-05	ELECTRO	10UF	16WV	
C204-206			C90-2595-05	ELECTRO	4.7UF	16WV	
C222			CE04CW1A101M	ELECTRO	100UF	10WV	
C223			C90-2598-05	ELECTRO	3.3UF	25WV	
C224			C90-2597-05	ELECTRO	10UF	16WV	
C225			CK73EB1C474K	CHIP C	0.47UF	K	
C261			CK73FB1H103K	CHIP C	0.010UF	K	
C302-304			CK73FB1H103K	CHIP C	0.010UF	K	
C305			CC73FCH1H121J	CHIP C	120PF	J	
C306			CK73FB1E273KTA	CHIP C	0.027UF	K	
C307			CK73FB1H153KTA	CHIP C	0.015UF	K	
C308			CK73FB1H103K	CHIP C	0.010UF	K	
C309			C90-2989-05	ELECTRO	100UF	10WV	
C310			CK73FB1H103K	CHIP C	0.010UF	K	
C311			CE04CW0J470M	ELECTRO	47UF	6.3WV	
C312			CK73EB1C225K	CHIP C	2.2UF	K	
C331			CK73FB1H103K	CHIP C	0.010UF	K	
C332			CK73FB1C224K	CHIP C	0.22UF	K	
C341			CK73FB1H103K	CHIP C	0.010UF	K	
C342			CE04CW1A101M	ELECTRO	100UF	10WV	
C343			C90-2604-05	ELECTRO	0.22UF	50WV	
C345			CK73FB1H103K	CHIP C	0.010UF	K	
C346			C90-2606-05	ELECTRO	0.47UF	50WV	
C347			CK73FB1H103K	CHIP C	0.010UF	K	

(X14-5980-xx)

Ref. No.	Add	New	Parts No.	Description				Destination
C348			C90-2608-05	ELECTRO	1.0UF		50WV	
C351			CK73FB1C104K	CHIP C	0.10UF	K		
C352			CE04CW1C470M	ELECTRO	47UF		16WV	
C353			CK73FB1C104K	CHIP C	0.10UF	K		
C354,355			CK73FB1C224K	CHIP C	0.22UF	K		
C403			CK73FB1H103K	CHIP C	0.010UF	K		
C501			CK73FB1H103K	CHIP C	0.010UF	K		
C502			CE04CW0J331M	ELECTRO	330UF		6.3WV	
C503			CK73FB1H103K	CHIP C	0.010UF	K		
C505,506			CC73FCH1H220J	CHIP C	22PF	J		
C507			C90-2608-05	ELECTRO	1.0UF		50WV	
C508			CK73FB1H472K	CHIP C	4700PF	K		
C510			CK73EB1E274K	CHIP C	0.27UF	K		
C511			C90-2592-05	ELECTRO	10UF		6.3WV	
C513			CK73FB1H103K	CHIP C	0.010UF	K		
C514			C90-2592-05	ELECTRO	10UF		6.3WV	
298	1D		E31-8094-05	LEAD WIRE				
CN1			E40-9541-05	PIN ASSY				
CN3			E40-9184-05	PIN ASSY				
J1	2D		E04-0306-05	RF COAXIAL CABLE RECEPTACLE				
J2	1D		E58-0863-05	RECTANGULAR RECEPTACLE				
J3	2D		E40-9595-05	PIN ASSY				
J4	1D		E56-0809-05	CYLINDRICAL RECEPTACLE				
J5	2D	*	E63-0014-05	PHONO JACK				
⚠ L1			L33-1063-15	CHOKE COIL				
L2			L33-1039-05	LINE FILTER COIL (52MH)				
L3 -5			L40-4791-17	SMALL FIXED INDUCTOR (4.7UH,K)				
X1			L78-0574-05	RESONATOR (6.25MHZ)				
X3			L78-0533-05	RESONATOR (32.768KHZ)				
F	1D		N83-3005-46	PAN HEAD TAPTITE SCREW				
K	1D		N80-3010-46	PAN HEAD TAPTITE SCREW				
L	1D		N35-3005-46	BINDING HEAD MACHINE SCREW				
M	1D		N30-3012-46	PAN HEAD MACHINE SCREW				
CP1			R90-0719-05	MULTI-COMP 4.7K X2				
CP2			R90-0737-05	MULTI-COMP 100K X2				
CP3			R90-0719-05	MULTI-COMP 4.7K X2				
CP4			R90-0722-05	MULTI-COMP 2.2K X4				
CP5			R90-0719-05	MULTI-COMP 4.7K X2				
CP6			R90-0748-05	MILTI-COMP 47K X4				
R1 ,2			RK73FB2A153J	CHIP R	15K	J	1/10W	
R3 ,4			RK73FB2A151J	CHIP R	150	J	1/10W	
R5 ,6			RK73FB2A334J	CHIP R	330K	J	1/10W	
R7 ,8			RK73FB2A183J	CHIP R	18K	J	1/10W	
R9 ,10			RK73FB2A123J	CHIP R	12K	J	1/10W	
R13 ,14			RK73FB2A101J	CHIP R	100	J	1/10W	
R15 ,16			RK73FB2A223J	CHIP R	22K	J	1/10W	
R23			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R24			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R25			RD14BB2C4R7J	RD	4.7	J	1/6W	
R77 -80			RK73FB2A223J	CHIP R	22K	J	1/10W	
R81 -84			RK73FB2A221J	CHIP R	220	J	1/10W	
R85 -88			RK73FB2A101J	CHIP R	100	J	1/10W	
R91 -94			RK73FB2A472J	CHIP R	4.7K	J	1/10W	

E: Europe **K**: North America **M**: Other Areas **K2** : KRC-507S
W: Without Europe **M2** : KRC-587

⚠ indicates safety critical components.

KRC-507S/587

PARTS LIST

* New Parts
Parts without **Part No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

(X14-5980-xx)

Ref. No.	Add	New	Parts No.	Description			Destination
R101,102			RK73EB2B100J	CHIP R 10	J	1/8W	
R103			RK73EB2B4R7J	CHIP R 4.7	J	1/8W	
R151			RK73EB2B101J	CHIP R 100	J	1/8W	
R152-154			RK73EB2B102J	CHIP R 1.0K	J	1/8W	
R155			RK73EB2B222J	CHIP R 2.2K	J	1/8W	
R156			RK73FB2A104J	CHIP R 100K	J	1/10W	
R157			RK73EB2B222J	CHIP R 2.2K	J	1/8W	
R158			RK73FB2A104J	CHIP R 100K	J	1/10W	
R159,160			RK73EB2B101J	CHIP R 100	J	1/8W	
R161			RK73FB2A104J	CHIP R 100K	J	1/10W	
R163			RK73FB2A222J	CHIP R 2.2K	J	1/10W	
R164,165			RK73FB2A104J	CHIP R 100K	J	1/10W	
R171			RK73FB2A123J	CHIP R 12K	J	1/10W	
R172,173			RK73FB2A103J	CHIP R 10K	J	1/10W	
R174			RD14DB2H332J	SMALL-RD 3.3K	J	1/2W	
R175,176			RK73FB2A473J	CHIP R 47K	J	1/10W	
R180			RK73FB2A472J	CHIP R 4.7K	J	1/10W	M2
R181			RK73FB2A473J	CHIP R 47K	J	1/10W	M2
R182			R92-0366-05	CHIP R 560	J	1W	M2
R183			RK73EB2B473J	CHIP R 47K	J	1/8W	M2
R185			RK73FB2A104J	CHIP R 100K	J	1/10W	
R186			RK73FB2A222J	CHIP R 2.2K	J	1/10W	
R187			RK73EB2B472J	CHIP R 4.7K	J	1/8W	M2
R201			RK73FB2A472J	CHIP R 4.7K	J	1/10W	
R203			RK73FB2A103J	CHIP R 10K	J	1/10W	
R204			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R205			RK73FB2A331J	CHIP R 330	J	1/10W	
R206			RK73EB2B472J	CHIP R 4.7K	J	1/8W	
R222			RK73FB2A563J	CHIP C 56K	J	1/10W	
R223			RK73FB2A101J	CHIP R 100	J	1/10W	
R226			RK73FB2A751J	CHIP R 750	J	1/10W	
R227			RK73FB2A154J	CHIP R 150K	J	1/10W	
R228			RK73FB2A431J	CHIP R 430	J	1/10W	
R229			RK73FB2A101J	CHIP R 100	J	1/10W	
R301			RK73FB2A272J	CHIP R 2.7K	J	1/10W	
R305			RK73FB2A4R3J	CHIP R 4.3	J	1/10W	
R306			RK73FB2A472J	CHIP R 4.7K	J	1/10W	
R307,308			RD14BB2C4R7J	RD 4.7	J	1/6W	
R309			RK73FB2A8R2J	CHIP R 8.2	J	1/10W	
R331			RK73FB2A471J	CHIP R 470	J	1/10W	
R332			RK73FB2A104J	CHIP R 100K	J	1/10W	
R333,334			RK73FB2A471J	CHIP R 470	J	1/10W	
R335			RK73FB2A223J	CHIP R 22K	J	1/10W	
R341			RK73FB2A103J	CHIP R 10K	J	1/10W	
R342			RK73FB2A224J	CHIP R 220K	J	1/10W	
R343			RK73FB2A222J	CHIP R 2.2K	J	1/10W	
R344			RK73FB2A273J	CHIP R 27K	J	1/10W	
R351,352			R92-2104-05	CHIP R 2.2	J	1W	
R353			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R354			RK73FB2A122J	CHIP R 1.2K	J	1/10W	
R355			RK73FB2A104J	CHIP R 100K	J	1/10W	
R411			RK73FB2A473J	CHIP R 47K	J	1/10W	
R412			RK73EB2B103J	CHIP R 10K	J	1/8W	
R421			RD14DB2H102J	SMALL-RD 1.0K	J	1/2W	
R422			RK73FB2A103J	CHIP R 10K	J	1/10W	

Ref. No.	Add	New	Parts No.	Description			Destination
R423			RK73FB2A471J	CHIP R 470	J	1/10W	
R425			RK73FB2A471J	CHIP R 470	J	1/10W	
R451			RK73FB2A103J	CHIP R 10K	J	1/10W	
R500			RK73FB2A103J	CHIP R 10K	J	1/10W	
R501			RK73FB2A473J	CHIP R 47K	J	1/10W	M2
R502			RK73FB2A473J	CHIP R 47K	J	1/10W	K2
R503			RK73FB2A473J	CHIP R 47K	J	1/10W	
R506			RK73FB2A473J	CHIP R 47K	J	1/10W	
R508			RK73FB2A223J	CHIP R 22K	J	1/10W	
R509			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R511			RK73FB2A472J	CHIP R 4.7K	J	1/10W	
R513			RK73FB2A222J	CHIP R 2.2K	J	1/10W	
R514			RK73FB2A225J	CHIP R 2.2M	J	1/10W	
R515			RK73FB2A101J	CHIP R 100	J	1/10W	
R516			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R517			RK73FB2A472J	CHIP R 4.7K	J	1/10W	
R518			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R519			RK73FB2A472J	CHIP R 4.7K	J	1/10W	
R520			RK73FB2A223J	CHIP R 22K	J	1/10W	
R521			RD14BB2C4R7J	RD 4.7	J	1/6W	
R522			RK73FB2A473J	CHIP R 47K	J	1/10W	
R524			RK73FB2A684J	CHIP R 680K	J	1/10W	
R525			RK73FB2A104J	CHIP R 100K	J	1/10W	
R526			RK73FB2A473J	CHIP R 47K	J	1/10W	
R528			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R529			RK73FB2A473J	CHIP R 47K	J	1/10W	
R530			RK73FB2A164J	CHIP R 160K	J	1/10W	
R533			RK73FB2A223J	CHIP R 22K	J	1/10W	
R534			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R535			RK73FB2A2R2J	CHIP R 2.2	J	1/10W	
R536			RK73FB2A394J	CHIP R 390K	J	1/10W	
R537			RK73FB2A472J	CHIP R 4.7K	J	1/10W	
R538			RK73FB2A221J	CHIP R 220	J	1/10W	
R539			RK73FB2A471J	CHIP R 470	J	1/10W	
R540			RK73FB2A101J	CHIP R 100	J	1/10W	
R541			RK73FB2A473J	CHIP R 47K	J	1/10W	
R542			RK73FB2A471J	CHIP R 470	J	1/10W	
R543			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R551			RK73FB2A222J	CHIP R 2.2K	J	1/10W	
R553,554			RK73FB2A102J	CHIP R 1.0K	J	1/10W	
R556			RK73FB2A472J	CHIP R 4.7K	J	1/10W	
R557			RK73FB2A223J	CHIP R 22K	J	1/10W	
R558			RK73FB2A472J	CHIP R 4.7K	J	1/10W	
R559			RK73FB2A223J	CHIP R 22K	J	1/10W	
VR1 ,2			R32-0037-05	SEMI FIXED VARIABLE R. (10K)			
W1 -6			R92-2052-05	CHIP R 0	J	1/10W	
W7			R92-2052-05	CHIP R 0	J	1/10W	K2
W8 -10			R92-2052-05	CHIP R 0	J	1/10W	
S1	2D		S74-0808-05	MICRO SWITCH			
D1 -9			DA204K	DIODE			
D11 -14			DA204K	DIODE			
D15			MA3062WA	ZENER DIODE			
D21			MA3062WA	ZENER DIODE			
D24			MA3062WA	ZENER DIODE			

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PARTS LIST

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Ref. No.	Add	New	Parts No.	Description	Destination
D25			1SS133	DIODE	
D26			AM01Z	DIODE	M2
D26			ERA15-01	DIODE	M2
D27			M1F60	DIODE	
D31			RM10ZLF	DIODE	
D32			MA4068(N)-M	ZENER DIODE	
D33			1SS133	DIODE	
D34			MA4051-L	ZENER DIODE	
D41			AM01Z	DIODE	
D41			ERA15-01	DIODE	
D42 ,43			1SS133	DIODE	
D44			AM01Z	DIODE	
D44			ERA15-01	DIODE	
D53			DAP202K	DIODE	
D53			MA152WA	DIODE	
D54			DAN202K	DIODE	
D54			MA152WK	DIODE	
D71			MA4075-L	ZENER DIODE	
D72			MA4220-L	ZENER DIODE	
D91			AM01Z	DIODE	
D91			ERA15-01	DIODE	
D101			1SS133	DIODE	
D300			DSP-301N-A21F	SURGE ABSORBER	
IC1		*	UPD784214GF524	MI-COM IC	
IC2			TDA7461D	ANALOGUE IC	
IC3			BA3917-V4	ANALOGUE IC	
IC4	1D		TDA7384A	ANALOGUE IC	
IC6			BA6219BFP-Y	ANALOGUE IC	
IC7			HA12192F	ANALOGUE IC	
IC8			TC74HC02AF	IC	
IC11			PST9130NR	ANALOGUE IC	
IC13			BR24C01AF	MEMORY IC	
Q5 -10			DTC143TK	DIGITAL TRANSISTOR	
Q5 -10			UN2216	DIGITAL TRANSISTOR	
Q12			DTA144EK	DIGITAL TRANSISTOR	
Q12			UN2113	DIGITAL TRANSISTOR	
Q21			2SC2412K	TRANSISTOR	
Q21			2SD601A	TRANSISTOR	
Q24			DTA144EK	DIGITAL TRANSISTOR	
Q24			UN2113	DIGITAL TRANSISTOR	
Q27			2SC2412K	TRANSISTOR	M2
Q27			2SD601A	TRANSISTOR	M2
Q28			2SB1277(Q,R)	TRANSISTOR	M2
Q29			2SC2412K	TRANSISTOR	
Q29			2SD601A	TRANSISTOR	
Q31			2SD2396	TRANSISTOR	
Q32			2SA1037K	TRANSISTOR	
Q33			DTA114YK	DIGITAL TRANSISTOR	
Q33			UN2114	DIGITAL TRANSISTOR	
Q38			DTC144EK	DIGITAL TRANSISTOR	
Q38			UN2213	DIGITAL TRANSISTOR	
Q63			DTC144EK	DIGITAL TRANSISTOR	
Q63			UN2213	DIGITAL TRANSISTOR	
Q71			DTC144EK	DIGITAL TRANSISTOR	
Q71			UN2213	DIGITAL TRANSISTOR	

(X14-5980-xx)

Ref. No.	Add	New	Parts No.	Description	Destination
Q72			DTA124EK	DIGITAL TRANSISTOR	
Q72			UN2112	DIGITAL TRANSISTOR	
Q73			2SC2412K	TRANSISTOR	
Q73			2SD601A	TRANSISTOR	
Q74			2SB1443	TRANSISTOR	
Q81			2SA1037K	TRANSISTOR	
Q91			DTC114YK	DIGITAL TRANSISTOR	
Q91			UN2214	DIGITAL TRANSISTOR	
Q92			2SB1443	TRANSISTOR	
Q93			DTA144EK	DIGITAL TRANSISTOR	
Q93			UN2113	DIGITAL TRANSISTOR	
Q95			2SC2412K	TRANSISTOR	
Q95			2SD601A	TRANSISTOR	
Q96			2SB1565	TRANSISTOR	
Q99			2SC2412K	TRANSISTOR	
Q99			2SD601A	TRANSISTOR	
Q102			2SC2412K	TRANSISTOR	
Q102			2SD601A	TRANSISTOR	
Q104			DTC144EK	DIGITAL TRANSISTOR	
Q104			UN2213	DIGITAL TRANSISTOR	
TH1			PT722A80C	POSITIVE RESISTOR	
A1	2D	*	X86-3100-10	TUNER UNIT	

DAUGHTER UNIT (X89-2280-10)

CN1			E40-9596-05	SOCKET FOR PIN ASSY			
J1			E58-0865-05	RECTANGULAR RECEPTACLE			
R1			RK73EB2B102J	CHIP R	1.0K	J	1/8W
R2			RK73EB2B241J	CHIP R	240	J	1/8W
R3			RK73EB2B102J	CHIP R	1.0K	J	1/8W
R4			RK73EB2B222J	CHIP R	2.2K	J	1/8W
R5 -8			RK73EB2B102J	CHIP R	1.0K	J	1/8W
R9			RK73EB2B471J	CHIP R	470	J	1/8W
R10			RK73EB2B102J	CHIP R	1.0K	J	1/8W
S1			S70-0841-05	TACT SWITCH			

CASSETTE MECHANISM ASSY(D40-1105-05)

1	2A		A10-4329-08	CHASSIS ASSY
2	1A		J21-7779-08	MOUNTING HARDWARE
3	2B		A11-0931-08	SUB CHASSIS ASSY
4	1A		D10-4106-08	ARM
5	2A		D10-4107-08	ARM
6	2A		D10-4108-08	ARM
7	2B		D10-4109-08	ARM
8	2A		D10-4110-08	ARM ASSY
9	2A		D10-4111-08	ARM ASSY
10	3A		D10-4112-08	ARM
13	2A		D10-4113-08	ARM
14	1B		D13-1324-08	GEAR ASSY
15	3A		D01-0609-08	FLYWHEEL ASSY
16	2A		D13-1325-08	GEAR ASSY
17	2A		D10-4114-08	ARM ASSY
18	3A		D01-0610-08	FLYWHEEL ASSY
19	3A		D13-1326-08	GEAR ASSY
22	2B		D10-4115-08	SLIDER

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KRC-507S/587

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Ref. No.	Add	New	Parts No.	Description	Destination
23	3B		D10-4116-08	SLIDER	
24	1B		J21-7780-08	MOUNTING HARDWARE	
25	1B		D10-4117-08	ARM	
26	1B		D10-4118-08	SLIDER	
27	1A		A52-0716-08	HOLDER	
31	3B		J21-7909-08	MOUNTING HARDWARE	
32	1B		J90-0767-08	GUID	
33	1B		J19-4737-08	BRACKET	
34	1B		D12-0622-08	CAM	
35	2B		D13-1327-08	GEAR	
36	2B		D13-1328-08	GEAR	
37	3A		D13-1329-08	GEAR	
38	3A		D10-4119-08	ARM	
39	1B		D13-1330-08	GEAR	
40	2A		D13-1331-08	GEAR	
41	2A		D13-1332-08	GEAR	
42	2B		J11-0619-08	CLAMPER	
43	1B		D13-1333-08	GEAR	
44	1B		D13-1334-08	GEAR	
45	2A		D13-1335-08	GEAR	
46	2B		D10-4120-08	ARM	
47	2B		J19-4738-08	HOLDER	
48	2B		J11-0620-08	CLAMPER	
52	2A		D03-0312-08	REEL DISK	
53	3A		D15-0913-08	PULLEY	
54	1B		D13-1336-08	WORM	
55	1A		D10-4121-08	SLIDER	
57	1B		D13-1337-08	GEAR	
59	2B		J31-1036-08	COLLAR	
62	3B		D14-0683-08	ROLLER	
63	1A		D14-0684-08	ROLLER	
64	1A		D15-0914-08	PULLEY	
67	2A		G01-2832-08	TORSION COIL SPRING	
68	2A		G01-2833-08	TORSION COIL SPRING	
69	2B		G01-2834-08	TENSION COIL SPRING	
70	1B		G01-2835-08	TORSION COIL SPRING	
71	1B		G01-2836-08	TORSION COIL SPRING	
73	1A		G09-2020-08	SPRING	
74	2A		G01-2837-08	COMPRESSION COIL SPRING	
75	1B		G01-2838-08	TORSION COIL SPRING	
76	1A		G01-2839-08	TORSION COIL SPRING	
77	2A		G01-2843-08	TORSION COIL SPRING	
79	1A		G01-2840-08	TENSION COIL SPRING	
80	3A		G01-2841-08	TENSION COIL SPRING	
83	3A		D16-0609-08	BELT	
94	3A		S64-0804-08	LEVER SWITCH	
95	3A		S64-0805-08	LEVER SWITCH	
100	2B		E30-4460-08	CONNECTOR ASSY (10P)	
102	2B		T95-0213-08	PHOTO COUPLER	
103	2B		S62-0858-08	SLIDE SWITCH	
105	2B		S74-0813-08	LEAF SWITCH	
107	3A		E30-4468-08	CONNECTOR ASSY (7P)	
A	1B		N09-4193-08	SCREW	
B	1B		N09-4194-08	SCREW	

(D40-1105-05)

Ref. No.	Add	New	Parts No.	Description	Destination
C	3A		N09-4195-08	SCREW	
D	1B		N09-4196-08	SCREW	
E	2A		N09-4197-08	SCREW	
F	1B		N09-4198-08	SCREW	
G	1A		N09-4199-08	SCREW	
H	2B		N09-4200-08	SCREW	
J	3B		N09-4201-08	SCREW	
K	2A		N19-2086-08	FLAT WASHER	
L	3A		N19-2087-08	FLAT WASHER	
M	1B		N19-2088-08	FLAT WASHER	
N	1B		N19-2089-08	FLAT WASHER	
P	3A		N19-2090-08	FLAT WASHER	
Q	2A		N19-2091-08	FLAT WASHER	
R	1A		N19-2092-08	FLAT WASHER	
S	2B		N29-0510-08	RETAINING RING	
T	2A		N29-0511-08	RETAINING RING	
HD1	1B		T31-0220-08	PLAYBACK HEAD	
M1	1A		T42-0759-08	MOTOR ASSY (MAIN)	
M2	1B		T42-0755-08	MOTOR ASSY (SUB)	

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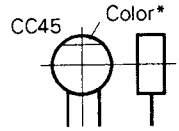
PARTS DESCRIPTIONS

CAPACITORS

CC 45 TH 1H 220 J
1 2 3 4 5 6

1 = Type ... ceramic, electrolytic, etc.
2 = Shape ... round, square, ect.
3 = Temp. coefficient
4 = Voltage rating
5 = Value
6 = Tolerance



• Capacitor value

010 = 1pF
100 = 10pF
101 = 100pF
102 = 1000pF = 0.001μF
103 = 0.01μF

2 2 0 = 22pF
0 = Multiplier
2 = 2nd number
2 = 1st number

• Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470 ± 60ppm/°C

• Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40	+80	+100	More than 10μF - 10 ~ +50
							-20	-20	-0	Less than 4.7μF -10 ~ +75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

• Voltage rating

2nd word / 1st word	A	B	C	D	E	F	G	H	J	K	V
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	-
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	-
3	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	-

• Chip capacitors

(EX) C C 7 3 F S L 1 H 0 0 0 J
1 2 3 4 5 6 7
(Chip) (CH, RH, UJ, SL)

(EX) C K 7 3 F F 1 H 0 0 0 Z
1 2 3 4 5 6 7
(Chip) (B, F)

Refer to the table above.
1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Voltage rating
6 = Value
7 = Tolerance

Dimension (Chip capacitors)

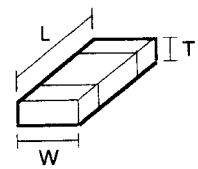
Dimension code	L	W	T
Empty	5.6 ± 0.5	5.0 ± 0.5	Less than 2.0
A	4.5 ± 0.5	3.2 ± 0.4	Less than 2.0
B	4.5 ± 0.5	2.0 ± 0.3	Less than 2.0
C	4.5 ± 0.5	1.25 ± 0.2	Less than 1.25
D	3.2 ± 0.4	2.5 ± 0.3	Less than 1.5
E	3.2 ± 0.2	1.6 ± 0.2	Less than 1.25
F	2.0 ± 0.3	1.25 ± 0.2	Less than 1.25
G	1.6 ± 0.2	0.8 ± 0.2	Less than 1.0

RESISTORS

• Chip resistor (Carbon)

(EX) R K 7 3 E B 2 B 0 0 0 J
1 2 3 4 5 6 7
(Chip) (B,F)

Dimension



Dimension (Chip resistor)

Dimension code	L	W	T
E	3.2 ± 0.2	1.6 ± 0.2	1.0
F	2.0 ± 0.3	1.25 ± 0.2	1.0
G	1.6±0.2	0.8±0.2	0.5±0.1

• Carbon resistor (Normal type)

(EX) R D 1 4 B B 2 C 0 0 0 J
1 2 3 4 5 6 7

1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Rating wattage
6 = Value
7 = Tolerance

Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

KRC-507S/587

SPECIFICATIONS

		KRC-507S (K)	KRC-587 (M)
		Flip Down TDF	Flip Down TDF
Tuner Type		CR2	CR2
FM	Frequency Range (Frequency Step)	87.9MHz-107.9MHz (200KHz)	87.5MHz-108.0MHz (50KHz)
	Channel Space Selection	50KHz/200KHz	50KHz/200KHz
	Usable Sensitivity (S/N 30dB)	9.3dBf (0.8 μV/75Ω)	9.3dBf (0.8 μV/75Ω)
	Quieting Sensitivity (S/N 50dB)	15.2dBf (1.6 μV/75Ω)	15.2dBf (1.6 μV/75Ω)
	Frequency Response (±3.0dB)	30Hz-15KHz	30Hz-15KHz
	S/N	70dB (MONO)	70dB (MONO)
	Selectivity	≧80dB (±400KHz)	≧80dB (±400KHz)
	Stereo Separation	40dB (1KHz)	40dB (1KHz)
AM	Frequency Range (Frequency Step)	530KHz-1700KHz (10KHz)	531KHz-1611KHz (9KHz)
	Channel Space Selection	9KHz/10KHz	9KHz/10KHz
	Usable Sensitivity (S/N 20dB)	28dBμ (25 μV)	28dBμ (25 μV)
CASSETTE	Tape Speed	4.76cm/sec.	4.76cm/sec.
	Wow/Flutter (wrms)	0.08% (WRMS)	0.08% (WRMS)
	Frequency Response (±3.0dB)	30Hz-18KHz (70 μs)	30Hz-18KHz (70 μs)
	Separation	43dB (1KHz)	43dB (1KHz)
	S/N Dolby NR OFF	57dB	57dB
	S/N Dolby B NR ON	65dB	65dB
Preout Level / Load		1800mV/10KΩ	1800mV/10KΩ
Preout Impedance		≦600Ω	≦600Ω
AMPLIFIER	Maximum Power	40W x4	40W x4
	Full Bandwidth Power (at less than 1% THD)	20W x4	20W x4
TONE	Bass	100Hz ±10dB	100Hz ±10dB
	Treble	10KHz ±10dB	10KHz ±10dB
GENERAL	Operating Voltage (11V-16V allowable)	14.4V	14.4V
	Current Consumption	10A	10A
	Installation Size (Width)	182mm	182mm
	(Height)	53mm	53mm
	(Depth)	155mm	155mm
	Weight	1400g	1400g

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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